

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: COOL-01400		Serial No.: 10/612,241		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR § 1.98(b))				Applicants: James Lovette et al.				
				Filing Date: July 1, 2003		Group Art Unit: 3743		
U.S. PATENT DOCUMENTS								
Examiner Initials	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date		
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
TD	AK	JP 1-256775	10/13/89	JP	F 25 D	9/00		X
	AL							
	AM							
	AN							
	AO							
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	AP							
	AQ							
	AR							
	AS							
	AT							
	AU							
	AV							
	AW							
	AX							
	AY							
	AZ							
Examiner: <i>Thomson</i>				Date Considered: 10/13/05				
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

FORM PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No.: COOL-01400		Serial No.: 10/612,241	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR § 1.98(b))				Applicants: James Lovette et al.			
				Filing Date: July 1, 2003		Group Art Unit: 3743	
U.S. PATENT DOCUMENTS							
Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS							
		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation
							Yes No
TD	AK	JP 10-99592	04/21/98	JP	D06F	39/08	X
TD	AL	JP 2001-326311	11/22/01	JP	H01L	23/427	X
	AM						
	AN						
	AO						
OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)							
	AP						
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
Examiner: <i>[Signature]</i>				Date Considered: 10/13/05			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS

Application Number : 10/612241
Confirmation Number: 3319
First Named Applicant: James Lovette
Attorney Docket Number:
Art Unit:
Examiner:
Search string: (0596062 or 2273505 or 4211208 or 6119729 or 6397932 or 20020075645).pn



Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TD	1	0596062	1897-12-28	W. P. Firey			
TD	2	2273505	1942-02-17	R. R. Florian			
TD	3	4211208	1980-07-08	Lindner			
TD	4	6119729	2000-09-19	Oberholzer et al.			
TD	5	6397932	2002-06-04	Calaman et al.	B1		

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
TD	1	20020075645	2002-06-20	Kitano et al.	A1		

Signature

Examiner Name

Date

Theravong

10/13/05

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention

MULTI-LEVEL MICROCHANNEL HEAT EXCHANGERS

Application Number : 10/612241
Confirmation Number: 3319
First Named Applicant: James Lovette
Attorney Docket Number:



Art Unit:

Examiner:

Search string: (4644385 or 4893174 or 5386143 or 5658831 or 6140860).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
TD	1	4644385	1987-02-17	Nakanishi et al.			
TD	2	4893174	1990-01-09	Yamada et al.			
TD	3	5386143	1995-01-31	Fitch			
TD	4	5658831	1997-08-19	Layton et al.			
TD	5	6140860	2000-10-31	Sandhu et al.			

Signature

Examiner Name	Date
<i>Thomas J. [Signature]</i>	10/13/05